



VICE-RECTOR'S BULLETIN

FACULTY OF ARTS AND SCIENCE

SEPTEMBER 1979 - BULLETIN NO. 9

Appointment of the Dean

Division I, Faculty of Arts and Science

The search is restricted to candidates within the University.

The appointment, effective as soon as possible, is for a five-year term in the first instance.

Applications or nominations, with biographical information, should be sent by 23 October 1979 to the Chairman of the Advisory Search Committee, Dr. Russell Breen, Vice-Rector, Academic, Faculty of Arts and Science, BC-324-A.

FACULTY ACTIVITIES

1.

DR. R. B. ANGEL (Department of Philosophy)

- i) has completed an article on the "Philosophy of Space and Time" for the forthcoming decennial Chroniques de L'Institut International de Philosophie, under the auspices of UNESCO.
- ii) presented a paper entitled "Reflections on the Conventionality of Space-Time Structure" at the last meeting of the International Society for Exact Philosophy, Montreal, June 1979.

DR. F. ANTOLIN (Associate Professor - Department of Modern Languages & Linguistics)

- i) presented a **paper** entitled "Ruben Dario, impressioniste" at the 47th Congress of the Association canadienne-française pour l'avancement des sciences (ACFAS), held at Université de Montréal, May 9, 10, 11, 1979.
- ii) at the same congress, he also presided a session entitled "Approches critiques du roman de Manuel Scorza Redoble for Rancas d'après les techniques d'analyse formelle, stylistique et socio-littéraire".

ASSISTANT PROFESSOR LOIS BARON (Department of Education)

- presented the following papers:
 - i) "Television's Place In An Early Childhood Curriculum", to the Association for Media and Technology in Canada.
 - ii) "An Investigation of Eye Movements Related to Individual Difference and Television - Related Variables", to the Inter-American Society of Psychology, Lima, Peru, July 1969.
 - iii) "Innovative Trends in Early Childhood Education Research", to the Canadian Psychological Association, June 1979.
 - iv) "The Nature of Eye Movement Research" at the Hospital Central Seguro Social del Peru 02, Department of Neurology, Lima Peru, July 1979.
 - v) "Violence in the Media", at the Lasalle Citizens Safety Council, Montreal, May 1979.

DR. JOTI BHATNAGAR (Department of Education)

- i) published an article entitled "Educational Background on Entry and Drop-Out from Part-Time Undergraduate Studies", in the Journal of Experimental Education, 1979, 47, 102-106.
- ii) signed a contract with Croom-Helm of London, England, for the publication of his book Educating Immigrants.
- iii) had a paper entitled "Linguistic Behaviour and Adjustment of Immigrant Children in French and English Schools in Montreal" accepted for publication in International Review of Applied Psychology.
- iv) organized and chaired a symposium on "Perspectives on Integration of South Asians in Canada", in Montreal, June 1979.
- v) conducted a workshop on "Education of Immigrant Children" for the Protestant School Board of Greater Montreal, May 1979.
- presented the following papers:
 - vi) "A Comparative Analysis of Educational Policies in Canada, Britain and the United States for Education of Immigrant Children", at the Annual Convention of the Canadian Society for Study of Education, Saskatoon, June 1979.
 - vii) "Immigrant Children and the Language Issue" at the 2nd International Congress on Education, Vancouver, June 1979.
 - viii) "Some Reflections on Quebec's Visible Minorities", at the "Future of Non-Francophone Education in Quebec" symposium, Montreal, June 1979.

FACULTY ACTIVITIES ...

DR. P. H. BIRD (Department of Chemistry)

- published a paper entitled "Preparation of Symmetrical and Un-symmetrical Diorganotellurium Dichlorides Using Organolead Compounds" (with V. Kumar, B.C. Pant), in Synth. React. Inorg. Met.-Org. Chem., 3 (1979)

DR. G.M. BOYD (Department of Education)

- presented the following papers
 - i) "Computer assisted learning courseware dissemination", to the National Research Council Subcommittee on Instructional Technology, April 26, 1979.
 - ii) "Transparency Quality and Stability in Computer Communications based Higher Education", at the Society for General Systems Research International Conference, London, August 1979.

DR. S. CARTER (Department of Applied Social Science)

- i) gave an address on "Communications Skills" to Manager and Specialist Development Program, Rolls Royce of Canada, June 1979.
- ii) conducted a week long Advanced Management Workshop in the "State of the Art Series", for the Ontario Civil Service Commission, June 1979.

DR. S. CASEY (Department of Classics)

- presented a paper entitled "Prose Rhythm in Late Latin", at the Eight International Conference on Patristic Studies at Oxford, Sept. 1979.

DR. R. CAWLEY (Department of Applied Social Science)

- successfully defended his Doctoral thesis on "The Change Process in Community Development: A Descriptive Model", at the University of Toronto, Ontario Institute for Studies in Education, Toronto, Ontario.

ASSISTANT PROFESSOR A. COSTANZO (Department of Modern Languages & Linguistics)

- i) presented a paper entitled "Some Observations on Boccaccio's 'Lisabetta da Messina'", at the Fourteenth International Congress on Medieval Studies, held at Western Michigan University, on May 3-6, 1979.
- ii) also chaired a session on Italian Literature, at the same Congress.

DR. K.S. DHINDSA (Department of Biology)

- i) published an article entitled "The effect of monosodium glutamate (MSG) on thyroid gland in mice" (with R.G. Omran), in the Proceedings of Canadian Federation of Biological Societies, Vol. 22, pp. 56, 1979.
- ii) presented a paper entitled "The effect of Monosodium Glutamate on Thyroid gland in mice", at the 22nd Annual Meeting of Canadian Federation of Biol: Soc., held at University of British Columbia, Vancouver, B.C. in the Toxicology, Food Additives, Pesticides, Environmental Contaminants Session, June 20, 1979.

DR. D. DICKS (Department of Education)

- presented a paper entitled "The Wired City: Probable impacts on transportation and education in a suburban community", and served on an international panel discussing on the impact of new communication techniques and media, at the International Conference on Communication (IEEE), Boston, June 1979.

DR. H. ENTWISTLE (Department of Education)

- published a book entitled Antonio Gramsci: conservative schooling for radical politics, Routledge and Kegan Paul, London and Boston, 1979.

DR. H. FAMIRA (Department of Modern Languages and Linguistics)

- presented a paper entitled "Die Insel Felsenburg des Gerhart Hauptmann" to the Canadian Association of University Teachers of German at the 1979 Annual Meeting of the Learned Societies, Saskatoon, Sask.

DR. M. FARRELL (Department of Education)

- presented the following papers:
 - i) "What happens before school entry is critical for academic success", at the Congress on Education, Vancouver, June 1979.
 - ii) "Interactional trends in the Classroom", at the Canadian Psychological Association Annual Conference, June 1979.
- conducted the following workshops:
 - iii) "Research in inner-city schools", at the Montreal Catholic School Commission, June 1979.

- iv) "Interactional trends in the Classroom, at the Canadian Psychological Association Annual Conference, June 1979.

R. B. FRANK (Associate Professor, Department of Physics)

- i) published a letter "On the PAD approximation in a theory for Ising pair-quartet interactions", in J. Phys. C: Solid State Physics, Vol. 12, pp. L595-7, 1979.
- ii) published an article entitled "The CRA difference equation and critical curves for the quenched dilute random-bond Ising model", in J. Phys. C: Solid State Physics, Vol. 12, pp. 3779-84, 1979.

ASSOCIATE PROFESSOR FRANCES FRIEDMAN (Department of Education)

- gave an address to a group of teachers from the Montreal Catholic School Board, at St. Michael's School, Montreal, May 1979, on the topic "Positive Image Building in Teachers and Students".

DR. D. HACCOUN (Department of Applied Social Science)

- published the following papers:
 - i) "Effects of clinical experience and client emotion on therapist responses", in the Journal of Consulting and Clinical Psychology, 1979, 47, 416-148, (with the collaboration of H. Laviguer).
 - ii) "The Evaluation of University Experience: an examination of motives and satisfaction" (with the collaboration of J. Breslaw), in Canadian Journal of Behavioural Science, 1979, 11, 205-213.
- and presented the following papers:
 - iii) "Social Interaction and Social Learning in the Preschool: Current Perspectives on the Role of Social Status, Gender, and Language", at the Canadian Psychological Association Convention, Quebec City, June 1979.
 - iv) "Economic Pressures and Family Adjustment", at the American Psychological Association Convention, New York, N.Y., September 1979, (with J. Ledingham).

ASSOCIATE PROFESSOR RICHARD L. HALL (Department of Mathematics)

- published the following articles:
 - i) "Extension of the Logarithmic Potential to Multiquark Systems: Dependence of the Energy on the Depth and Range", Phys. Lett 83B (1979) 80, (with C.S. Kalman).
 - ii) "Non-Local Interactions and the N-Boson Problem", in Zeitschrift für Physik A 291 (1979) 255.

ASSISTANT PROFESSOR A. HAMALIAN (Department of Education)

- i) published a paper entitled "National Integration in Multi-ethnic Societies: the differential role of schooling and non-formal educational agencies", in Compare Vol. 9, No. 1, 1979
- ii) organized a panel for the Canadian Society for Studies in Educational annual Conference, June 1979. The title of the panel was "Multiculturalism and Alternative Models of Schooling", and at the same meeting presented a paper entitled "Case Studies of Alternative Models of Schooling in Countries Committed to Different Policies of Multiculturalism".
- iii) presented a paper entitled "The Rights of the Child in Canadian Education", at the Conference of Experts organized by the Canadian Branch of the United Nations on Human Rights and Canadian Education, at the University of British Columbia, Vancouver, B.C., on August 23, 1979.

DR. HERBERT HORWICH (Department of Sociology and Anthropology)

- successfully defended his doctoral dissertation entitled Social and Cultural Factors Affecting Student Retentions or Attritions at the Secondary and Post-Secondary Levels in Quebec. Formal conferral of his Ph.D. was made at the Spring Convocation last May.

ASSISTANT PROFESSOR E. JACOBS (Department of Education)

- presented the following papers:
 - i) "A Clinical Teaching Model", at the Annual Conference of the Council for Exceptional Children, April 1979, Dallas, Texas.

FACULTY ACTIVITIES ...

7.

- ii) "Aggression and Privacy Seeking Behaviour in the Day Care Environment", at the Canadian Psychological Association, June 1979, Quebec City.
- iii) "Children as Managers of Urban Space: From Unique Products to reproducible Process" (with P. Jacobs) at the International symposium sponsored by UNESCO - Managing Urban Space in the interest of Children, June 1979, University of Toronto.
- iv) presented the after dinner address to the Members of the Ottawa Regional Valley Association of Early Childhood Education, April 1979, Ottawa.

DR. ERNEST JOOS (Department of Philosophy)

- presented the following papers at the Vth International Week of Philosophy held at Rio de Janeiro from July 14 to July 20:
 - i) "La morale a-t-elle besoin d'un fondement ontologique?"
 - ii) "L'art comme communication de l'Etre".
- was commentator of a paper entitled "Les niveaux inférieurs de la communication intersubjective" by Prof. Xavier Tilliet, Institut Catholique de Paris.

DR. CALVIN S. KALMAN (Department of Physics)

- presented the following papers:
 - i) "Origins of Quarkonium: Prediction of new Quark Masses", at the Institute of Particle Physics - Canadian Association of Physicists Scientific Symposium, McGill University, April 20, 21, 1979.
 - ii) "Two Body Meson-Baryon Cross Sections" (with S. Barbari), at the American Physics Society meeting, Washington, D.C., April 23-26, 1979.
 - iii) "Computation of the Baryonium Spectrum", at the European Physics Society International Conference on High Energy Physics, 27 June - 4 July 1979 (with the collaboration of S.K. Misra and Richard L. Hall).

- published the following papers:
- iv) "Baryonium, the Diquark Model and the Prediction of Mesons with Exotic Quantum Numbers", in Lettere al Nuovo Cimento, 25, 133, 1979.
- v) "x (2800) as a Four Quark System" (with Dr. G. Jakimow of U. du Québec), in Lettere al Nuovo Cimento 25, 271, 1979.
- vi) "Origin of Quarkonium: Prediction of New Quark Masses", in Lettere al Nuovo Cimento 24, 318, 1979.
- vii) "Dynamical Groups and the Quarkonium Problem" which appeared in p. 528 of Group Theoretical Methods in Physics, Vol. 94 of Lecture Notes in Physics (Springer Verlag. New York, 1979).

ASSISTANT PROFESSOR R. KASS (Department of Applied Social Science)

- i) had a one-day consultation with Nurse Clinician Teachers on "Team Building and Problem-Solving", at the Royal Victoria Hospital, June 1979.
- ii) had a one-day consultation with the Educational Services Department of the Douglas Hospital, on "Leadership Styles and Problem-Solving", August 1979.
- iii) conducted a one-day workshop on "Leadership Styles and Supervision" with the Administrative Assistants of O.I.S.E., at the University of Toronto, June 1979.
- iv) conducted a one-day workshop on "Problem-Solving and Supervision", with 25 Assistant Head Nurses, at the Royal Victoria Hospital, August 1979.
- v) conducted a weekend residential workshop on "Team Building and Decision Making", at the University of Toronto, for all new Doctoral Students entering the D.H.R. (Developing Human Resources) Program at O.I.S.E. June 1979.
- was awarded the following grants in June 1979:
- vi) Social Science and Humanities Research Council of Canada, Doctoral Fellowship.
- vii) Bourse de l'Enseignement Supérieur du Québec.

- viii) Ontario Graduate Doctoral Fellowship.
- ix) served as member of the "Orientation Committee" for the Department of Adult Education, O.I.S.E., June-September 1979.

DR. N.N. KAPOOR (Department of Biology)

- published the following articles:
- i) "The Effect of osmotic stress on the survival and respiration of the stonefly nymph, Paragnetina media", in Gewasser und Abwasser, Vol. 64, pp. 37-38, 1979.
- ii) "The morphology of flower-like sensilla of Thaumatoperla alpina (Eustheniidae), in Gewasser und Abwasser, Vol. 64, p. 40, 1979.

DR. GUSTAVE LABBE (Department of French)

- i) was invited during a recent sojourn in Paris, to read poems from his book Fleurs de Sang, précédé de Litanie des Sources, at two important French literary societies: la Société des Poètes Français (April 28, 1979) and Le Cercle Poétique de la Revue Indépendante (Syndicat des Journalistes et Ecrivains de France), (May 3, 1979).
- ii) published "Symphonie" a poem on music, in the December 1978 issue of the N.D.G. Manoir-Echo which was reprinted in the American quarterly magazine, Le Canado-Américain, Manchester, N.H., March 1979.

PROFESSOR R.D. McDONALD (Department of Applied Social Science)

- will be attending the International Symposium on Improving the Contribution of the Mass Media to Adult Education, Ottawa, Ontario, October 1-5, 1979. The symposium is sponsored by UNESCO and he was appointed as Official Observer for the Canadian Association of Adult Education.

DR. J.E. O'BRIEN (Department of Communication Studies)

- i) directed a Communications Consultation in Toronto as part of a three-year research project for the Commission on Social Communications of the Canadian Conference of Catholic Bishops, Ottawa, May 1979.
- ii) was named to the International Advisory Board of the Centre for the Study of Communication and Culture, London, England.

ASSOCIATE EILEEN PRESTON (Department of Classics)

- was elected a Member of Council of the Classics Association of Canada.

DR. N. SERPONE (Department of Chemistry)

- presented the following papers:
 - i) "The potentiality of polypyridyl complexes of Cr(III) for solar energy utilization", (with M.Z. Hoffman) at the 62nd Canadian Chemical Conference and Exhibition, Vancouver, B.C. June 3-6, 1979.
 - ii) "Ground state quenching of 2E excited states of $Cr(bpy)_3^{3+}$ and $Cr(phen)_3^{3+}$ " (with R. Sriram, M.Z. Hoffman and M.A. Jamieson), at the 178th Annual Meeting of the American Chemical Society, Washington, D.C. September 10-13, 1979, Abstract INOR-114.
- published the following papers:
 - iii) "Temperature dependence of the photoaquation of tris(2,2'-bipyridine)chromium(III) ion in alkaline solution" (with M.A. Jamieson, M.S. Henry and M.Z. Hoffman), in Inorg. Chem., **18** 214-216 (1979)
 - iv) "Configurational rearrangements in $cis-M(AA)_2X_2$, $cis-M(AA)_2XY$ and $cis-M(AB)_2X_2$ complexes. 5. The $cis-M(AA)_2X_2$ system - Diastereotopic probe on the monodentate X ligands (with D.G. Bickley), in Inorg. Chim. Acta, **32**, 217-228 (1979)
 - v) "Excited state behaviour of polypyridyl complexes of chromium (III)" (with M.A. Jamieson, M.S. Henry and M.Z. Hoffman, F. Bolletta and M. Maestri), in J. Am. Chem. Soc., **101**, 2907-2916, (1979).
 - vi) "Configurational rearrangements in $cis-M(AA)_2X_2$, $cis-M(AA)_2XY$, and $cis-M(AB)_2X_2$ complexes. 6. Rearrangements processes in bis (2-,6-diisopropylphenoxy)bis(chelate) titanium(IV) complexes", (with D.G. Bickley), in Inorg. Chem., **18**, 2200-2204 (1979).

FACULTY ACTIVITIES...

11.

- vii) was appointed Visiting Associate Professor, Boston University, Boston, Massachusetts, January-May 1979.
- viii) was appointed Research Collaborator at Brookhaven National Laboratory, Upton, New York, May-August 1979.
- received the following grants:
 - ix) Natural Sciences and Engineering Research Council of Canada; \$8,777 - third year of a three year grant.
 - x) Formation de Chercheurs et d'Action Concertée (Quebec); \$5,000 (Administrateur responsable).

DR. M. TAYLOR (Department of Applied Social Science)

- presented a paper entitled "Qualitative Research Methods and Approaches" (in collaboration with Virginia Griffin, Heather Bates, Lee Davies, Marge Denis and Marilyn Taylor), at a symposium entitled "Adult Education Research Conference, Ann Arbor, Michigan, April 1979.

DR. O.S. TEE (Department of Chemistry)

- was on sabbatical leave at the University of California at Santa Cruz, 1978-1979. While there he gave the following seminars:

- i) "Mechanisms of Bromination of Pyrimidine Derivatives", October 16, 1978.
- ii) "Mechanism of Bromination of Quaternary Pyrimidinium Cations" October 6, 1978.
- iii) "Bromination of 4-Pyrimidone. Three Pathways", May 4, 1979.
- iv) "Principle of Least Motion. Variations of a Theme by Jack Hine", February 16, 1979.
- v) "Principle of Least Motion. Weight and See", March 2, 1979.

The first talk was also given at University of Alabama, August 3, 1978 and California State College at Hayward, April 20, 1979. The second talk was also presented at the ACS/CSJ Conference in Honolulu (April 3, 1979). The third talk was also presented at the International Symposium on Physical Organic Chemistry, Toronto, August 6, 1979.

- published the following papers:

- vi) "Mechanism of bromination of a quaternary pyrimidinium cation. Change of rate determining step with acidity", in Can. J. Chem., 56, 2970-2976 (1978) (with D.C. Thackray and C.G. Berks).
- vii) "Mechanisms of bromination of uracil derivatives. 4. Formation of adducts in acidic aqueous solutions and their dehydration to 5-bromouracils", in Can. J. Chem., 57, 626-634 (1979), (with S. Banerjee).

DR. R.H. ZIENIUS (Department of Chemistry)

- was elected a National Councillor of the Chemical Institute of Canada, representing the Analytical Chemistry Division of a three year period, beginning June 1979. He will also be a member of the C.I.C. Committee on Scientific Affairs and of the Analytical Chemistry Division's Executive for the same period of time. In addition, Dr. Zienius was asked to serve as Convenor for the Meetings of the C.I.C. Sub-Committee on Teaching of Analytical Chemistry held in June 1979 in Vancouver, and to be held in June 1980 in Ottawa.

THE NEXT VICE-RECTOR'S BULLETIN WILL BE PUBLISHED IN THE FIRST WEEK OF DECEMBER. DEADLINE FOR SUBMISSIONS IS FRIDAY, NOVEMBER 16, 1979. PLEASE SEND ALL SUBMISSIONS AT BISHOP COURT, ROOM 324, Block A.